

**Exam Code: 119601**

**Paper Code: 1105-R**

**Programme: Bachelor of Science (Fashion Designing)**

**Semester - I**

**Course Title- Basic Punjabi**

**Course Code: BFDL-1031**

**Time: 3 Hours**

**Max Marks: 70**

ਨੋਟ: ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਸੈਕਸ਼ਨ ਹਨ। ਹਰੇਕ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 14 ਅੰਕ ਹਨ।

**ਸੈਕਸ਼ਨ I**

1. ਗੁਰਮੁਖੀ ਵਰਨਮਾਲਾ ਲਿਖੋ।
2. ਪੈਰ ਬਿੰਦੀ ਵਾਲੇ ਵਰਨਾਂ ਤੇ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਓ।

**ਸੈਕਸ਼ਨ II**

3. ਸਧਾਰਨ ਸ਼ਬਦ ਤੋਂ ਕੀ ਭਾਵ ਹੈ ਉਦਾਹਰਨ ਸਹਿਤ ਬਿਆਨ ਕਰੋ।
4. ਅਗੇਤਰ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦੇ ਹੋਏ ਕੋਈ ਪੰਜ ਅਗੇਤਰ ਬਣਾਓ।

**ਸੈਕਸ਼ਨ III**

5. ਬਾਜ਼ਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਕੋਈ ਦਸ ਸ਼ਬਦ ਲਿਖੋ।
6. ਖੇਤੀ ਦੇ ਧੰਦੇ ਨਾਲ ਸੰਬੰਧਿਤ ਕੋਈ ਦਸ ਸ਼ਬਦ ਲਿਖੋ।

**ਸੈਕਸ਼ਨ IV**

7. ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।
8. ਬਾਰਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਮ ਲਿਖੋ।

**Exam Code: 119601**

**Paper Code: 1289-R**

**Programme: Bachelor of Science (Fashion Designing)**

**Semester: I**

**Course Title: Traditional Textiles**

**Course Code: BFDM-1236**

**Time Allowed: 3 Hours**

**Max Marks: 50**

**Note: Attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries 10 marks.**

**Section-A**

1. Explain in detail about **painted textile** of India with their traditional designs, making process, tools and materials?
2. Discuss different types of Durries and Carpets in detail?

**Section-B**

3. Explain Bandhani textile in detail?
4. Write a note on history, weave, process of making, colours and motifs used in Patola textile?

**Section-C**

5. Explain history, motifs, colours and manufacturing process of Chanderi fabric?
6. What do you mean by brocade Textile? Explain it in detail?

**Section-D**

7. Explain history, motifs, colour, stiches and types of Kantha embroidery?
8. Discuss Chikankari embroidery in detail?

Paper Code: 3104-R

Programme	Exam Code	Course Code
Bachelor of Arts	121203	BARL-3212
Bachelor of Science (Medical)	121303	BSML-3212
Bachelor of Science (Non -Medical)		BSNL-3212
Bachelor of Science (Computer Science)		BCSL-3212
Bachelor of Science (Economics)		BECL-3212
Bachelor of Commerce	121103	BCRL-3212
Bachelor of Business Administration	121703	BBRL-3212

**Semester - III****Course Title: English (Compulsory)****Examination Time: 3 Hours****Theory: 80****Section-A**

1. Attempt any ten sentences out of given fifteen. Each sentence will carry two marks.

Make one sentences from two using 'who/which/that':

- I. A bus goes to the airport. It runs every half hour.
- II. A girl was injured in the accident. She is now in the hospital.
- III. A waitress served us. She was impolite and impatient.
- IV. Some people were arrested. They have now been released.
- V. Jayanti saw the car. It nearly knocked the old man.

Put in 'that or what' in the following sentences:

- VI. Did you hear .... they said?
- VII. I don't trust him. I don't believe anything.... he says.

Complete the sentences using who/ whom/ whose/ where:

- VIII. The school is only for children \_\_\_\_\_ first language is not English.
- IX. A cemetery is a place \_\_\_\_\_ people are buried.

Complete the sentences using ing + words given in box:

Call, invite, read, work, sit, ring

- X. The waiting room was empty except for a young man \_\_\_\_\_ by the window \_\_\_\_\_ a magazine
- XI. I was woken up by a bell....

Choose the correct word:

- XII. I was (disappointing / disappointed) with the film. I had expected it to be better.
- XIII. The new project sounds (exciting/excited). I am looking forward to work on it.

Rewrite the sentences using the word in the brackets:

- XIV. Katherine is very generous. (always)
- XV. Do you watch TV in the evenings. (usually)

(2 x 10 = 20)

**Section- B**

2. Write an essay in about 400 words:

Importance of leadership

Or

Should animal testing be banned for cosmetics?

(1 x 10 = 10)



3. Write one word for given phrases (any five out of given eight):

- i. A number of rooks
- ii. A number of cats
- iii. A number of seals
- iv. A number of mules
- v. A kitchen of ship
- vi. A place of storing grains
- vii. A place where goods are stored
- viii. A place where books are kept

(5 x 2 = 10)

### Section-C

4. Circle the View Markers and highlight the opinions in the following sentences:

- I. Although the government would like you to believe that its programs are helping the economy to recover, unemployment continues to rise and investment is falling.
- II. Most people who have not lived in cultures other than their own assume that the rules for polite speech and behaviour are universal.
- III. People who watch a great deal of television tend to perceive the world as more violent than it really is.
- IV. A frequent allegation that is made about people between the ages of eighteen and twenty-five is that they have no interest in politics.
- V. The latest statistics, which show an increase in the illiteracy rate, do not support the government's claim that its programs have brought about improvements in education.

(5 x 2 = 10)

5. Do any five synonyms out of given six:

- I. to agree that something is true.
- II. to try to answer or solve.
- III. causing deep disagreement.
- IV. workers.
- V. to explain the meaning of something.
- VI. to feel angry because of being treated unfairly.

(5 x 2 = 10)

### Section- D

6. Attempt any three questions out of given five (in 200 words):

- i. How does Shakespeare characterize "Autumn" in the poem 'that time of the year'?
- ii. Describe the central idea of the poem "Belinda's Dressing Table".
- iii. Explain in detail the meaning of "Death second self" in Shakespeare's sonnet.
- iv. Summarize the poem, "Virtue".
- v. What was reason of sadness of the knight at arms in the poem "La Belle Dame sans Merci"?

(3 x 5 = 15)

7. Write explanation of the stanza with reference to context (in 250 words):

That time of year thou mayst in me behold  
 When yellow leaves, or none, or few, do hang  
 Upon those boughs which shake against the cold,  
 Bare ruin'd choirs, where late the sweet birds sang.  
 In me thou see'st the twilight of such day  
 As after sunset fadeth in the west,  
 Which by and by black night doth take away,  
 Death's second self, that seals up all in rest.

Or

Like a glow-worm golden  
 In a dell of dew,  
 Scattering unbeholden  
 Its aerial hue  
 Among the flowers and grass, which screen it from the view.

(1 x 5 = 5)

**Paper Code: 3101-R**

<b>Programme</b>	<b>Exam Code</b>	<b>Course Code</b>
Bachelor of Arts	121203	BARL-3421
Bachelor of Science (Medical)	121303	BSML-3421
Bachelor of Science (Non -Medical)		BSNL-3421
Bachelor of Science (Computer Science)		BCSL-3421
Bachelor of Science (Economics)		BECL-3421
Bachelor of Commerce	121103	BCRL-3421
Bachelor of Business Administration	121703	BBRL-3421

**Semester - III****Course Title: Punjabi (Compulsory)****Examination Time: 3 Hours****Theory: 80**

ਨੋਟ - ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਕੁੱਲ ਚਾਰ ਸੈਕਸ਼ਨ ਹਨ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰੇਕ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 16 ਅੰਕ ਹਨ।

**ਸੈਕਸ਼ਨ-I**

1. ਤੇਜਾ ਸਿੰਘ ਦੁਆਰਾ ਰਚਿਤ ਘਰ ਦਾ ਪਿਆਰ ਨਿਬੰਧ ਦਾ ਸਾਰ ਲਿਖੋ? (16)
2. ਇੰਗਲੈਂਡ ਦਾ ਸੋਗੀ ਸੋਮਵਾਰ ਨਿਬੰਧ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ ਲਿਖੋ? (16)

**ਸੈਕਸ਼ਨ-II**

3. ਜਤਿੰਦਰ ਬਰਾੜ ਦੁਆਰਾ ਰਚਿਤ ਇਕਾਂਗੀ ਫਾਈਲ ਚਲਦੀ ਰਹੀ ਦਾ ਸਾਰ ਲਿਖੋ? (16)
4. ਗੁੰਮਸ਼ੁਦਾ ਇਕਾਂਗੀ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ ਲਿਖੋ? (16)

ਸੈਕਸ਼ਨ-III

5. ਹੇਠ ਲਿਖੇ ਪੈਰ੍ਹੇ ਦਾ ਸਿਰਲੇਖ ਦਿੰਦਿਆਂ ਸੰਖੇਪ ਰਚਨਾ ਕਰੋ-

ਅਸੀਂ ਜਿਹੇ ਜਿਹੇ ਪੁਰਸ਼ਾਂ ਦੀ ਸੰਗਤ ਕਰਾਂਗੇ, ਅਵੱਸ਼ ਹੀ ਉਹੋ ਜਿਹੇ ਹੋ ਜਾਵਾਂਗੇ।  
ਅਖਾਣ ਹੈ, ਖਰਬੂਜੇ ਨੂੰ ਵੇਖ ਕੇ ਖਰਬੂਜਾ ਰੰਗ ਫੜਦਾ ਹੈ। ਕਿਸੇ ਕੋਰੇ ਕੱਪੜੇ ਨੂੰ ਜਿਸ  
ਰੰਗ ਦੇ ਪਾਣੀ ਵਿੱਚ ਡੋਬਾ ਦਈਏ, ਉਸ ਉੱਤੇ ਉਹੀ ਰੰਗ ਚੜ੍ਹ ਜਾਂਦਾ ਹੈ। ਇਸੇ ਤਰ੍ਹਾਂ  
ਕੋਈ ਪੁਰਸ਼ ਜਿਨ੍ਹਾਂ ਆਦਮੀਆਂ ਵਿੱਚ ਬੈਠੇਗਾ, ਉਸਦੇ ਉੱਤੇ ਉਹਨਾਂ ਦੇ ਖਿਆਲਾਂ ਤੇ  
ਆਚਰਣ ਦਾ ਅਸਰ ਜ਼ਰੂਰ ਪਏਗਾ। ਭਲਿਆ ਪੁਰਸ਼ਾਂ ਦੀ ਸੰਗਤ ਮਨੁੱਖ ਨੂੰ ਭਲਾ  
ਬਣਾਉਂਦੀ ਹੈ। ਇਸ ਤਰ੍ਹਾਂ ਚੇਰਾਂ ਤੇ ਜੁਆਰੀਆਂ ਦੀ ਸੰਗਤ ਵਿੱਚ ਚੇਰ ਤੇ ਜੁਆਰੀਏ ਹੋ  
ਜਾਂਦੇ ਹਨ।

(16)

6. ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਤੇ ਲੇਖ ਰਚਨਾ ਕਰੋ-

(ੳ) ਇੰਟਰਨੈੱਟ

(ਅ) ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਤੇ ਤਿਉਹਾਰ

(ੲ) ਆਧੁਨਿਕ ਵਿੱਦਿਆ ਪ੍ਰਣਾਲੀ

(16)

ਸੈਕਸ਼ਨ-IV

7. ਵਾਕ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦਿਆਂ ਇਸਦੇ ਵਰਗੀਕਰਨ ਤੇ ਨੋਟ ਲਿਖੋ? (16)

8. ਭਾਵੇਸ਼ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦਿਆਂ ਇਸਦੇ ਵਰਗੀਕਰਨ ਦੇ ਨੋਟ ਲਿਖੋ? (16)



**Exam Code: 117903****Paper Code: 3260-R****Programme: Bachelor of Computer Applications****Semester: III****Course Title: Foundation of Data Science****Course Code: BCAL - 3111****Time Allowed: 3 Hours****Max Marks: 80**

**Note:** Attempt five questions in all, selecting atleast one question from each section. The fifth question may be attempted from any section. Each question carries 16 marks.

**Section-A**

- Q1. What do you mean by Data Science? What is the evolution and future of data science? 16
- Q2. Define the usage and challenges in data science process 16

**Section-B**

- Q3. What are the data collection methods? Explain 16
- Q4. Explain different data collection tools 16

**Section-C**

- Q5. What is exploratory data analysis (EDA)? Why EDA is important? 16
- Q6. What is the role of Data Scientist and Data Analyst in data science? Explain 16

**Section-D**

- Q7. What is storytelling? What are the characteristics of good story? How to create data stories? 16
- Q8. What is the use of Power BI in data science? Why do we need power BI? 16

*Retest 24-1-2025*

**Exam Code: 117903**

**Paper Code: 3261-R**

**Programme: Bachelor of Computer Applications**

**Semester: III**

**Course Title: Advanced Database Management System**

**Course Code: BCAL - 3112**

**Time Allowed: 3 Hours**

**Max Marks: 80**

**Note:** Attempt five questions in all, selecting atleast one question from each section. The fifth question may be attempted from any section. Each question carries 16 marks.

**Section A**

1. Explain the concept of SQL joins with examples of different join types. (16)
2. a) Define ACID properties in the context of transaction management and explain their importance in database systems. (12)  
b) Describe the concept of views in SQL. (4)

**Section B**

3. Explain the structure of a PL/SQL block with an example. Discuss the benefits and limitations of PL/SQL. (16)
4. a) Define Big Data and discuss its main characteristics. Explain the CAP theorem in the context of distributed databases. (12)



- b) Explain the concept of triggers in PL/SQL. (4)

### Section C

5. a) Describe the differences between structured and unstructured data. Why is NoSQL suitable for handling unstructured data? (10)  
b) Compare ACID properties with BASE properties in NoSQL databases. (6)
6. a) Explain the features of MongoDB. (6)  
b) Describe CRUD operations in MongoDB. Write MongoDB commands to add, update, delete, and retrieve documents from a collection. (10)

### Section D

7. a) Describe the concept of indexing in MongoDB. How can indexes improve query performance? Provide an example of creating an index in MongoDB. (10)  
b) What is projection in MongoDB? Explain with example. (6)
8. a) What is replication in MongoDB, and why is it important? Discuss the process of setting up Sharding in MongoDB. (10)  
b) Explain the MapReduce function in MongoDB. (6)

*For Reappear Candidates Old Syllabus (2023-24)*

**Exam Code: 121103**

**Paper Code: 9327-R**

**Programme: Bachelor of Commerce (Semester-III)**

**Course Title: Business Environment**

**Course Code: BCRL-3093**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Note:** Attempt five questions in all, selecting at least one question from each section. The fifth question can be attempted from any section. Each question carries 8 marks.

**Section-A**

1. What do you mean by business environment? Explain various environmental factors which create a impact on the business.
2. What is the impact of Income, Savings and Investment on Industrial growth of the country?

**Section-B**

3. a. What are the various issues involves in the privatization?  
b. Discuss features of Industrial Policy in detail. (4 + 4)
4. What are the various tools of fiscal policy? Critically evaluate the fiscal policy of India.

**Section-C**

5. Write a detailed note on Deficit Financing and its implications for Indian Economy?
6. What is NITI Aayog? Discuss its role in Economic Planning.

**Section-D**

7. Explain salient provisions of Foreign Trade Policy.
8. Discuss the provisions of Foreign Exchange Management Act, 1999.

**Exam Code: 118003**

**Paper Code: 3265-R**

**Programme: Bachelor of Science (Information  
Technology) Semester-III**

**Course Title: Advanced Database Management  
System**

**Course Code: BITL-3112**

**Time Allowed: 3 Hours**

**Max Marks: 80**

**Note:** Attempt five questions in all, selecting atleast one question from each section. Fifth question may be attempted from any section. Each question carries 16 marks.

**Section A**

- Q1. How will you create and maintain indexes and views in SQL? Explain with suitable examples.
- Q2. (a) What do you mean by concurrency? What are problems of concurrency? Explain.  
(b) Explain various locking schemes to control concurrency in database system.

**Section B**

- Q3. Explain in brief the following terms of PL/SQL  
(a) Function (b) Procedure (c) Cursor and (d) Triggers
- Q4. Define the concept of **big data** with its characteristics and advantages.

**Section C**

- Q5. (a) What is NoSQL? Differentiate between structured and unstructured data.  
(b) Compare ACID and BASE properties.
- Q6. What are various data types in MongoDB? Explain create, update and delete terms related with MongoDB.

**Section D**

- Q7. What are various query performance methods in MongoDB? Explain.
- Q8. Explain following functions:  
count, sum, avg, max, min and push.



**Exam Code: 105405**

**Paper Code: 5199-R**

**Programme: Bachelor of Business Administration  
Semester - V**

**Course Title: Entrepreneurship and Small Business  
Course Code: BBRL-5324**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Note:** Attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries 8 marks.

**SECTION-A**

1. Discuss various Theories of Entrepreneurship
2. Explain the different forms of Business structure by citing their features. According to you which form of structure is better and why?

**SECTION -B**

3. Elucidate the characteristics of an entrepreneur leader. How risk taking impacts decision making capability of an entrepreneur.
4. Explain the role of Government in organizing Entrepreneurial Development Programmes.

**SECTION -C**

5. Explain in detail the Legal and Tax considerations related to small scale business.
6. What is the role of Financial Management in current operations and expansion of capital for small scale business?

**SECTION -D**

7. Explain the role of small scale business in the development of National Economy.
8. Explain the various modern technologies used for the development of small scale business.

**Exam Code: 109105**

**Paper Code: 5191-R**

**Programme: Bachelor of Commerce (Honours)**

**Semester – V**

**Course Code: BCOL-5096**

**Course Title: Production and Operations Management**

**Time Allowed: 3 Hours**

**Max. Marks: 80**

**Note:** Attempt five questions in all, selecting atleast one question from each Section. Fifth question may be attempted from any section. Each question carries 16 marks.

**Section – A**

1. Discuss the concept of productions and operations management along with pros and cons.
2. Discuss various production scheduling techniques in detail.

**Section – B**

3. Discuss various factors affecting productivity of a firm in detail.
4. Discuss the concepts in detail: a) Work Measurement  
b) Value Analysis.

**Section – C**

5. Explain the concept of inventory management? Discuss classification of inventory.
6. Explain the concepts:
  - a) Just in Time Manufacturing Systems
  - b) Statistical Quality Control

**Section-D**

7. Explain concept and components of supply chain management in detail.
8. Explain the concepts: a) Inventory control models  
b) Logistic Management